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D119-796-241TRN
Job Sheet 198192



Part No: D119-796-241TRN

Job Qty: 1 pcs

Part Name: Crosstube Turning Detail



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 7/23/19

Job Tracking No:

Due Date: 9/2/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RD119-796 REV.K IPP REV A RQ 14/05/27 VERIFIED BY DD IPP REV:B 16.05.04 AS PER DWG REV.I
DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Lead Time	DAS Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier			
100	Mori Seiki TL-40 - 1	1 pcs		9/2/19	1.00	1.72	Mori Seiki TL-40 - 1			66 2019-08-13 9-89
110	QC 2	1 pcs		9/2/19	0.00	0.00	QC 2 - 1			
							QC 2 - 12			
							QC 2 - 14			
							QC 2 - 17			
							QC 2 - 19			
							QC 2 - 2			
							QC 2 - 20			
							QC 2 - 22			
							QC 2 - 23			
							QC 2 - 25			
							QC 2 - 32			
							QC 2 - 33			
							QC 2 - 35			
							QC 2 - 39			
							QC 2 - 4			
							QC 2 - 40			
							QC 2 - 44			
							QC 2 - 45			
							QC 2 - 48			
							QC 2 - 49			
							QC 2 - 50			
							QC 2 - 51			
							QC 2 - 52			
							QC 2 - 57			
							QC 2 - 62			
							QC 2 - 63			
							QC 2 - 8			
							QC 2 - 66			66 2019-08-13 9-89
							QC 2 - 64			

Plex 7/23/19 1:49 PM Dart.lajeunesse.marie

				QC 2 - 65	
				QC 2 - 5	
				QC 2 - 71	
				QC 2 - 73	
				QC 2 - 69	
120	Mori Seiki TL-40 - 1 - B4B	1 pcs	9/2/19 1.00 1.72	Mori Seiki TL-40 - 1 - B4B	DAS 662019-08-13 9-89
130	QC 2	1 pcs	9/2/19 0.00 0.00	QC 2 - 1	
				QC 2 - 12	
				QC 2 - 14	
				QC 2 - 17	
				QC 2 - 19	
				QC 2 - 2	
				QC 2 - 20	
				QC 2 - 22	
				QC 2 - 23	
				QC 2 - 25	
				QC 2 - 32	
				QC 2 - 33	
				QC 2 - 35	
				QC 2 - 39	
				QC 2 - 4	
				QC 2 - 40	
				QC 2 - 44	
				QC 2 - 45	
				QC 2 - 48	
				QC 2 - 49	
				QC 2 - 50	
				QC 2 - 51	
				QC 2 - 52	
				QC 2 - 57	
				QC 2 - 62	
				QC 2 - 63	
				QC 2 - 8	DAS 662019-08-13 9-89
				QC 2 - 66	
				QC 2 - 64	
				QC 2 - 65	
				QC 2 - 5	
				QC 2 - 71	
				QC 2 - 73	
				QC 2 - 69	
140	QC 8	1 pcs	9/2/19 0.00 0.00	QC 8 - 12	
				QC 8 - 14	
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	

					QC 8 - 67	
					QC 8 - 1 (A)	DAS
					QC 8 - 47	47
					QC 8 - 40	9-89
					QC 8 - 52	
					QC 8 - 23	
					QC 8 - 57	
145 Crosstubes - 2 - B4B	1 pcs	9/2/19	0.00 0.45		Crosstubes - 1 - B4B	
					Crosstubes - 2 - B4B	93 9/4/2019
					Crosstubes - 3 - B4B	
					Crosstubes - 4 - B4B	
150 Handfinish - 1-1 Chemical-B4B	1 pcs	9/2/19	0.00 0.40		Handfinish - 1 - 1 - B4B	
					Handfinish - 1 - 2 - B4B	
					Handfinish - 1 - 3 - B4B	SEP 06 2019
					Handfinish - 1 - 4 - B4B	
					Handfinish - 1 - 5 - B4B	
					Handfinish - 1 - 6 - B4B	
					Handfinish - 1 - 7 - B4B	
					Handfinish - 1 - 8 - B4B	
					Handfinish - 1 - 9 - B4B	
					Handfinish - 1 - 10 - B4B	
					Handfinish - 1 - 11 - B4B	
					Handfinish - 1 - 12 - B4B	
					Handfinish - 1 - 13 - B4B	
					Handfinish - 1 - 14 - B4B	
					Handfinish - 1 - 15 - B4B	
					Handfinish - 1 - 16 - B4B	
					Handfinish - 1 - 17 - B4B	
					Handfinish - 1 - 18 - B4B	
					Handfinish - 1 - 19 - B4B	
					Handfinish - 1 - 20 - B4B	
					Handfinish - 1 - 21 - B4B	
					Handfinish - 1 - 22 - B4B	
160 QC 7	1 pcs	9/2/19	0.00 0.00		QC 7 - 10	
					QC 7 - 13	
					QC 7 - 14	
					QC 7 - 15	
					QC 7 - 17	
					QC 7 - 18	
					QC 7 - 19	
					QC 7 - 2	
					QC 7 - 28	
					QC 7 - 3	
					QC 7 - 30	
					QC 7 - 34	
					QC 7 - 36	
					QC 7 - 37	
					QC 7 - 41	
					QC 7 - 47	
					QC 7 - 48	
					QC 7 - 51	
					QC 7 - 58	
					QC 7 - 59	
					QC 7 - 60	
					QC 7 - 9	DAS
					QC 7 - 68	76
					QC 7 - 50	9-89
					QC 7 - 67	
					QC 7 - 40	209-119

170 Packaging 3-1 - Stock - B4B	1	9/2/19	0.00 0.00	QC 7 - 24	
				QC 7 - 43	
				QC 7 - 61	
				QC 7 - 81	
				Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	BS 19-11-1
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	DAG
180 QC 21 - FG	1	9/2/19	0.00 0.00	QC 21 - FG - 21	21
				QC 21 - FG - 70	9-30
				QC 21 - FG - 53	NOV 01 2019

Part Op 100 - 1-Fill tube with sand & install plugs on both ends as per Folio FB298 2-Turn first side as per Folio FB298
Descriptions: 110 - (QC2- Inspect parts off machine FAI/FAIB)
120 - 1-Turn second side as per Folio FB298
130 - (QC2- Inspect parts off machine FAI/FAIB)
140 - (QC8- Inspect parts - second check)
145 - GRIND ONLY TRANSITION LINES SMOOTH LONGITUDE WAY.
150 - 1- Handfinish X-TUBE INSIDE AND OUT. ALODINE AND ACID ETCH X-TUBE AS PER DWG . USE RED SCOTCH BRITE PAD.
160 - (QC7-Inspect Chemical Conversion Coat)
170 - (Identify as per dwg & Stock Location:) LOCATION : LG014
180 - (QC21- Final Inspection - Work Order Release)

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
D6023-106	Crosstube Material	1 pcs (1 ea)	100-Mori Seiki TL-40 - 1	5013837

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Mori Seiki TL-40 - 1	D6023-106	1	14	0
Part Specifications				
Specifications could not be found.				



Container No: S204924



Part: D119 – 796 – 241TRN

Job No: 198192

Serial No/Batch: S204924

Revision: K

Inspector:

Exp Date:

Instructions:

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Plex 7/23/19 1:49 PM Dart.lajeunesse.marie

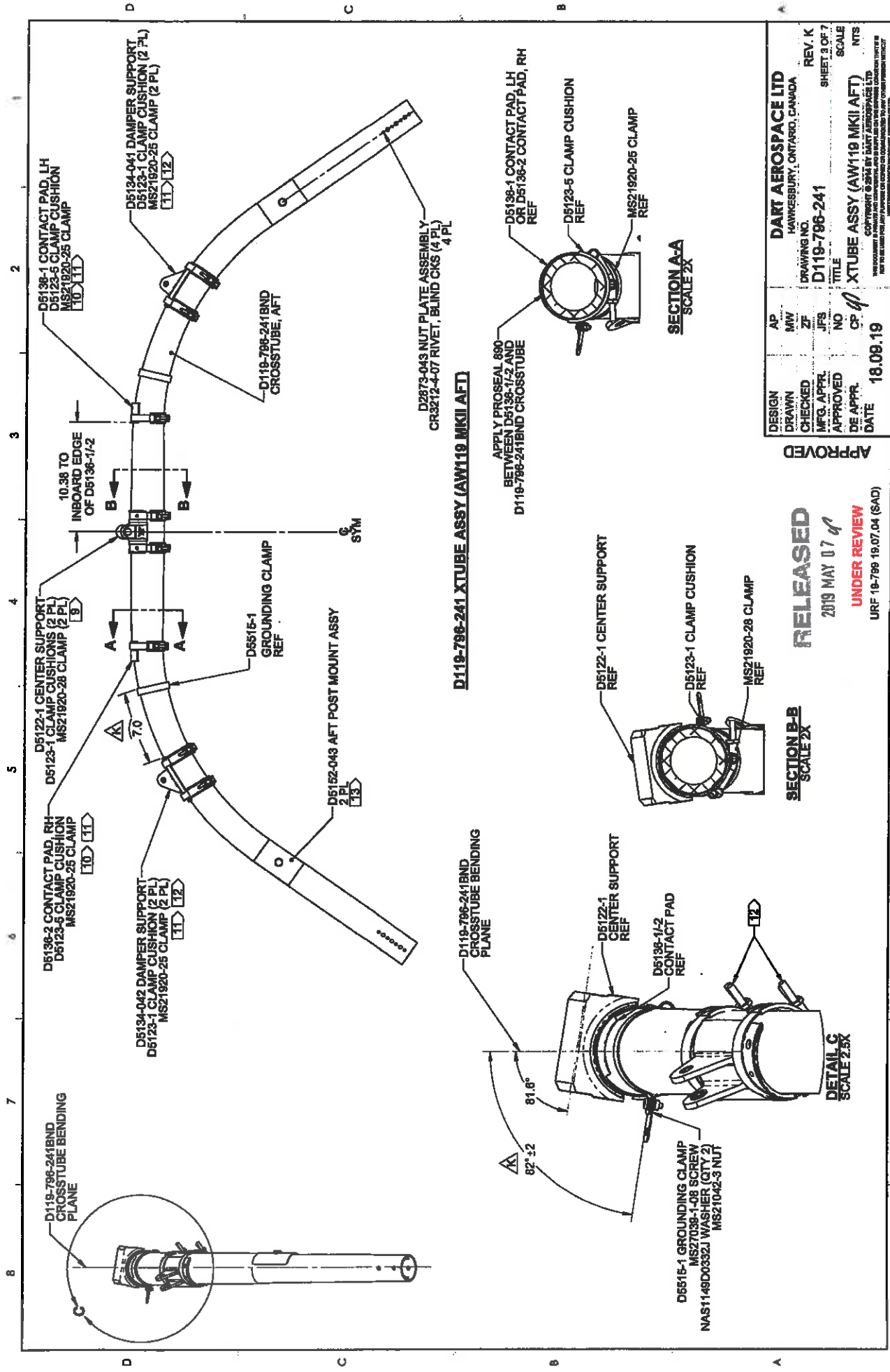
Date: 08/13/19

①

DART AEROSPACE LTD		Work Order:	198192
Description: Crosstube Assembly (AW119 MKII Aft)		Part Number:	D119-796-241TRN
Inspection Dwg: D119-796-241 Rev: J/K DAS 35		Page 1 of 2	

FIRST ARTICLE INSPECTION CHECKLIST

Inspection Sheet Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
SIDE A	5.88	+/-0.030	5.881	✓		cnc-08
	2.516	+0.005/-0.000	2.521	✓		cnc-04
	2.626	+0.005/-0.000	2.631	✓		
	2.627	+0.005/-0.000	2.632	✓		
	2.798	+0.005/-0.000	2.803	✓		
	2.799	+0.005/-0.000	2.804	✓		
	2.989	+0.005/-0.000	2.994	✓		
	3.191	+0.005/-0.000	3.196	✓		cnc-05
	3.200	+0.005/-0.000	3.205	✓		"
SIDE B	5.88	+/-0.030	5.885	✓		cnc-08
	2.516	+0.005/-0.000	2.520	✓		cnc-04
	2.626	+0.005/-0.000	2.631	✓		
	2.627	+0.005/-0.000	2.632	✓		
	2.798	+0.005/-0.000	2.800	✓		
	2.799	+0.005/-0.000	2.804	✓		
	2.989	+0.005/-0.000	2.994	✓		
	3.191	+0.005/-0.000	3.196	✓		cnc-05
	3.200	+0.005/-0.000	3.205	✓		"
	105.71	+/-0.020	105.71	✓		tape



APPROVED

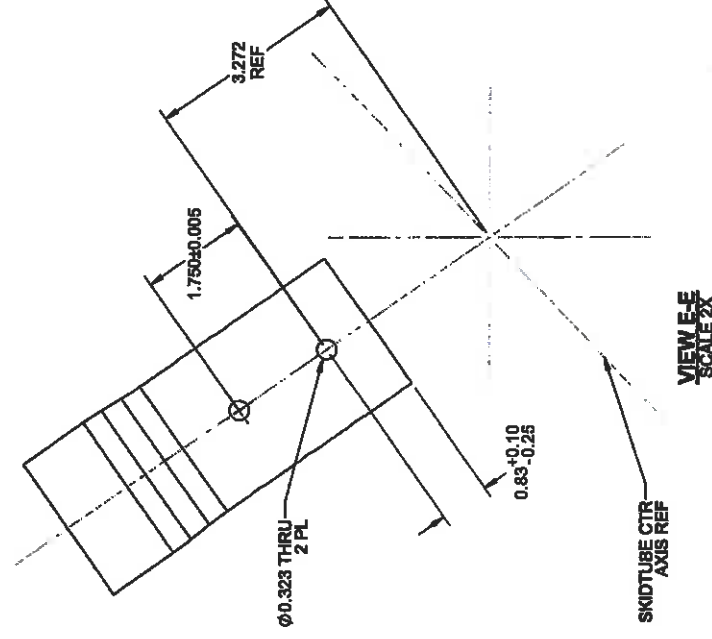
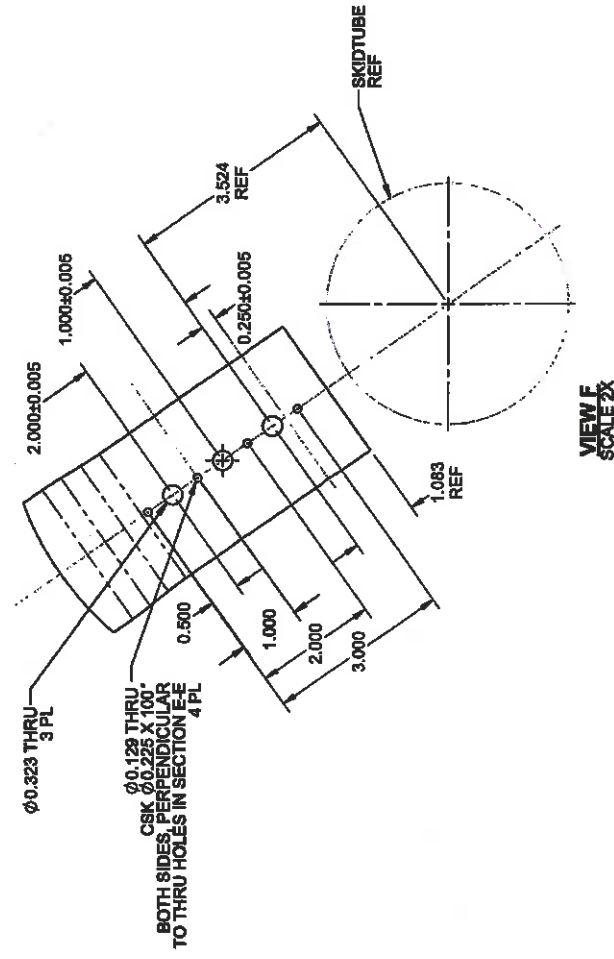
DESIGNER

2019 MAY 07

UNDER REVIEW

URF 18-799 19.07.04 (SAD)

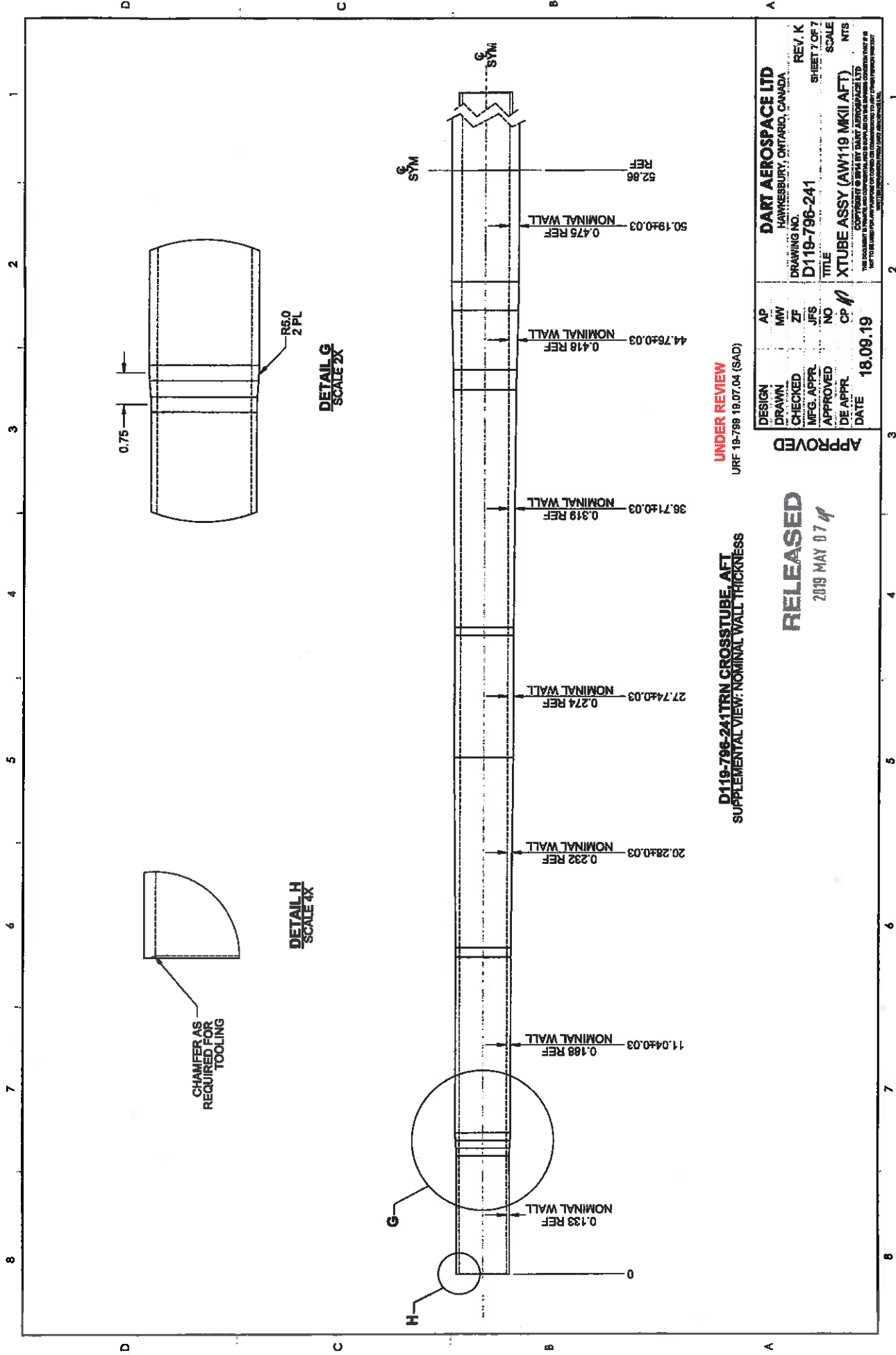
DESIGN	AP	DAKT AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. D119-786-241 SHEET 1 OF 7 REV. K SCALE NTS TUBE ASSY (AW119 MKII AFT) COPYRIGHT © 1987 BY DAKT AEROSPACE LTD THIS DRAWING IS THE PROPERTY OF DAKT AEROSPACE LTD. IT IS TO BE USED ONLY FOR THE PURPOSES AND PROJECTS SPECIFICALLY INTENDED BY DAKT AEROSPACE LTD. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF DAKT AEROSPACE LTD.
DRAWN	MW	
CHECKED	ZF	
MFG. APPR.	JFS	
APPROVED	NO	
DATE	18.08.19	CP CP



UNDER REVIEW
URF 18-798 18.07.04 (SAD)

RELEASED
2019 MAY 07 17

DESIGN	AP	AP	DART AEROSPACE LTD
DRAWN	MW	DRAWING NO.	HAWKESBURY, ONTARIO, CANADA
CHECKED	ZF	D119-796-241	REV. K
MFG. APPR.	JFS	TITLE	SHEET 6 OF 7
APPROVED	NO	XTUBE ASSY (AW119 MKI(AFT))	SCALE
DATE	CP	18.09.19	NTS



Job: _____ Part No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐		DEPARTMENT/PROCESS Skid-tube ☐ Cross tube ☐ Eng. (Non-AW) ☐ Machining ☐ Small Fab ☐ Prod. Eng. Coord. ☐ Large Fab ☐ Finishing ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QS1042)			
Description Work Order Deviation				Disposition			
Root Cause Operator Manufacturing Process Equip/Tooling Handling/Preservation Material Product Improvement Process Improvement Human Factors				FAULT CATEGORY Pressure/Forced Bending Crushing Cracks Crimp/Kink/Ripple/Wave/Twist Marks/Chatter Mislabeled Other/Details: Contamination Misaligned/off center BOM/Route Broken/Damage/Defect Incomplete/Unclear Instructions Drill Holes Fit/Function Power Loss/Surge Folio/Program Grain Direction Weld Wrong Stock Pulled Out of Sequence Off-set/Set-up Positioned Wrong Outside Tolerance Drawing Finish Part Lost/Missing Misread			
Completed By				Lead hand / Supervisor			
QC / QA Coordinator							